

## MCAS Open Response Practice Assignment

Follow the outline below exactly as it is stated.

### Monday

**Cold Read:** Read the entire page - Everything! Read the title, the directions, bold faced words, all features of the text. Look at the pictures too! Preview the questions - all of the questions and every part of the question.

### Tuesday

**Hot Read:** Reread the entire page again. Yes, I said again. This time use your active reading skills to mark up the text. Circle important vocabulary words, underline what the directions are asking you to do, on the side of the paper summarize what the directions are asking you to do, and write down any questions you might have about the assignment.

### Wednesday

**Reread:** Reread the open response questions again. Organize your thoughts on a graphic organizer (included with the packet) or in outline form on a lined piece of paper (included with the packet). Remember to use key words underlined and to answer every part of the question.

### Thursday

**Answer** the open response questions in the space provided on the page provided. Check off all of the answers to show that you answered each part of the question.

### Friday

**Pass in** your full packet.

# MCAS Open Response Practice Assignment

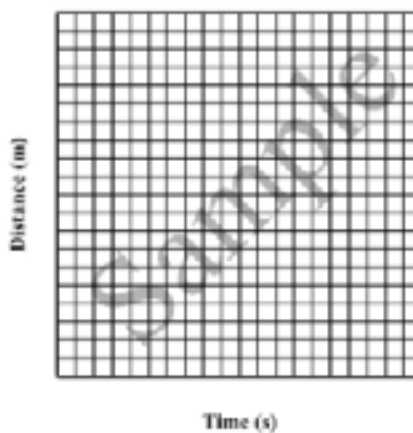
*Reporting Category: Physical Sciences*

*Standard: 12 - Graph and interpret distance vs. time graphs for constant speed.*

A student takes part in a 400 m race. The table below shows the distance the student traveled over time.

Time (s)	Distance (m)
0	0
30	100
60	200
90	300
120	400
150	400
180	400

a On the graph paper provided, copy the  $x$ -axis and  $y$ -axis labels as shown below **and** use the information from the table to make a proper scale by adding numbers to each axis on your graph.



- b Draw a line on your graph to represent the motion of the student from 0 s to 120 s.
- c Calculate the average speed of the student from 0 s to 120 s. Be sure to show your calculations and include units in your answer.
- d Is the student moving from 120 s to 180 s? Explain your answer.

Name:

# Main Idea and Details

Main Idea:

Detail:

Detail:

Detail:

Summary:

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